

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	749	385/18.ccls.	USPAT	OR	ON	2005/05/18 11:39
S2	0	S1 and microsphere	USPAT	OR	ON	2005/05/18 10:46
S3	2796	microsphere and substrate and optic\$3	USPAT	OR	ON	2005/05/17 17:23
S4	359	S3 and switch	USPAT	OR	ON	2005/05/17 17:23
S5	204	S4 and rout\$5	USPAT	OR	ON	2005/05/17 17:23
S6	38	S1 and sphere	USPAT	OR	ON	2005/05/17 17:25
S7	26	S6 and array	USPAT	OR	ON	2005/05/17 17:29
S8	1	"6735393".pn.	USPAT	OR	ON	2005/05/17 17:29
S9	398	Faris.in.	USPAT	OR	ON	2005/05/18 10:47
S10	48	S9 and rout\$4	USPAT	OR	ON	2005/05/18 10:47
S11	589	Faris.in.	US-PGPUB; USPAT	OR	ON	2005/05/18 10:47
S12	128	S11 and rout\$4	US-PGPUB; USPAT	OR	ON	2005/05/18 10:47
S13	12	S12 and sphere	US-PGPUB; USPAT	OR	ON	2005/05/18 10:47
S14	1123	385/18.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/18 11:25
S15	756	S14 and array	US-PGPUB; USPAT	OR	ON	2005/05/18 11:26
S16	105	S15 and router	US-PGPUB; USPAT	OR	ON	2005/05/18 11:26
S17	56	S14 and sphere	US-PGPUB; USPAT	OR	ON	2005/05/18 11:44
S18	29359	microsphere	US-PGPUB; USPAT	OR	ON	2005/05/18 11:44
S19	0	(Reflective adj matrix adj switch)	US-PGPUB; USPAT	OR	ON	2005/05/18 11:47
S20	0	(Reflect adj matrix adj switch)	US-PGPUB; USPAT	OR	ON	2005/05/18 11:47
S21	2907	(matrix adj switch)	US-PGPUB; USPAT	OR	ON	2005/05/18 11:47
S22	51	S21 and sphere	US-PGPUB; USPAT	OR	ON	2005/05/18 13:51
S23	0	("2004/0028357").URPN.	USPAT	OR	ON	2005/05/18 13:45
S24	2317	microsphere and array and reflect	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/18 13:51

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S25	11	S24 and router	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/18 13:52
S26	565	microsphere	JPO	OR	ON	2005/05/18 13:52
S27	3	S26 and array	JPO	OR	ON	2005/05/18 14:21
S28	41	S26 and (photon or light)	JPO	OR	ON	2005/05/18 15:55
S29	24	S26 and matrix	JPO	OR	ON	2005/05/18 14:22
S30	48782	microsphere or microlens or (spherical adj lens) or (ball adj lens) or (microlens adj reflector)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/18 14:23
S31	5589	S30 and sphere and (array or matrix)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/18 14:25
S32	1770	S31 and (rout\$4)	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/18 14:25
S33	1080	S32 AND substrate	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/18 14:26
S34	986	S33 and microsphere	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/18 14:26
S35	693	S33 and optic\$4	US-PGPUB; USPAT; DERWENT	OR	ON	2005/05/18 15:48
S36	119	Pender.in.	US-PGPUB; USPAT	OR	ON	2005/05/18 15:37
S37	9	S36 and matrix	US-PGPUB; USPAT	OR	ON	2005/05/18 15:37
S38	0	("2004/0028357").URPN.	USPAT	OR	ON	2005/05/18 15:38
S39	848	microlens and array	DERWENT	OR	ON	2005/05/18 15:50
S40	2	S39 and microsphere	DERWENT	OR	ON	2005/05/18 15:49
S41	100	microsphere and array	DERWENT	OR	ON	2005/05/18 15:54
S42	1	(microsphere with retroreflector)	DERWENT	OR	ON	2005/05/18 15:54
S43	578	(retroreflector)	DERWENT	OR	ON	2005/05/18 15:54
S44	2	(microsphere with retroreflector)	JPO	OR	ON	2005/05/19 10:50
S45	0	"6444976".pn.	JPO	OR	ON	2005/05/19 10:50
S46	1	"6444976".pn.	US-PGPUB; USPAT; JPO	OR	ON	2005/05/19 10:50
S47	8	("4487504"   "4751712"   "4853542"   "5198096"   "5212745"   "5438879"   "5627668"   "6198856").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/19 12:22

## EAST Search History

S48	0	"5955776.pn.."	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/19 12:22
S49	0	"5955776.pn."	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/19 12:23
S50	1	"5955776".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/19 12:23
S51	2	"6444976".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/10/03 13:22
S52	9	("4487504"   "4751712"   "4853542"   "5198096"   "5212745"   "5438879"   "5627668"   "6198856").PN. OR ("6444976"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/03 13:22
S53	31	("4121884"   "5699462"   "6055344").PN. OR ("6198856"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/03 13:34